



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/551,547	04/18/2000	Takanobu Ihara	040373/0280	2187

22428 7590 01/26/2005

FOLEY AND LARDNER
SUITE 500
3000 K STREET NW
WASHINGTON, DC 20007

EXAMINER

GESESSE, TILAHUN

ART UNIT	PAPER NUMBER
----------	--------------

2684

DATE MAILED: 01/26/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

11/11

Office Action Summary	Application No. 09/551,547	Applicant(s) IHARA, TAKANOBU	
	Examiner Tilahun B Gesessse	Art Unit 2684	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 20 September 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-28 is/are pending in the application.
- 4a) Of the above claim(s) 3 and 5 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,2,4 and 6-11 is/are rejected.
- 7) ☒ Claim(s) 12-28 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This is in response to applicant's amendment and remarks filed 9/20/04 in which claims 1-2, 4,6-28 are pending.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-2,4,6-11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Mitsuo (US 5,757,902) in view of Arai (US 5,517,551).

Claim 1, Mitsuo discloses a private branch exchange system (figure 1) a plurality of mobile stations each having a plurality of extension numbers (008b, 008a,006d of figure 1) a base station (radio extension interfaces (007 of figure 1) wirelessly connected to said plurality of mobile stations (008b and 008a) and an exchange station for performing call control of said plurality of mobile stations through said base station (100 of figure 1 and abstract and column 3 line 42-column 4, lines3). Mitsuo differs in teaching a plurality of different line keys physically present thereon for selecting among an one of said pluralitv of extension numbers. However, Arai teaches a plurality of different line keys physically present thereon for selection among ' an one of said pluralitv of extension numbers (see abstract , column 7, lines 38-43, column 10, line 62-column 11, line 7 and figure 13). It would have been obvious to a person of ordinary skill in the art at the time of the invention was made to select among plurality of

Art Unit: 2684

extension numbers, as evidenced by Arai, for physically connected the desired extension number on a mobile station to make or answer a call whenever, the user is away from his or her desk or office.

Claim 2, Mitsuo discloses at least one of the plurality of extension numbers set for the plurality of mobile stations is a unique extension number for each of said plurality of mobile stations (abstract).

Claim 4, Mitsuo discloses a private branch exchange system (figure 1) a plurality of mobile stations (008b,008a,and 006d of figure 1) a base station wirelessly connected to said plurality of mobile stations (007 of figure 1); an exchange station for performing call control of said plurality of mobile stations through said base station, wherein each of said plurality of mobile stations has the same extension number as that of one or more predetermined other mobile station (abstract) and wherein said plurality of mobile stations each have a plurality of extension numbers (see abstract , column 7, lines 38-43, column 10, line 62-column 11, line 7 and figure 13).

Mitsuo differs in teaching a plurality of different line keys physically present thereon for selection among any one of said plurality of extension-numbers . However, Arai teaches a plurality of different line keys physically present thereon for selection among ' an one of said plurality of extension numbers (see abstract , column 7, lines 38-43, column 10, line 62-column 11, line 7 and figure 13). It would have been obvious to a person of ordinary skill in the art at the time of the invention was made to select among plurality of extension numbers, as evidenced by Arai, for physically connected

the desired extension number on mobile station to make or answer a call when ever the user is away from his desk or office.

Claim 6. Mitsuo discloses at least one of the plurality of extension numbers set for the plurality of mobile stations is a unique extension number for each of the plurality of mobile stations (abstract).

Claims 7-11, Mitsuo discloses the plurality of mobile stations each have line key buttons for setting the plurality of lines (figure 1).

Allowable Subject Matter

4. Claims 12-28 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The following is a statement of reasons for the indication of allowable subject matter: the feature of a call control section for performing call control of said plurality of mobile stations; a data managing section for managing information for each of said plurality of extension numbers; a line state managing section for managing a state of each of said plurality of lines; and a line state control section for sending a direction for performing call control to said call control section based on the information for each extension number managed by said data managing section and the state of the line managed by said line state managing section, wherein said call control section performs call control of said plurality of mobile sections based on the direction sent from said line state control section. These limitations, in conjunction with the limitation of independent claim, has not been disclosed , taught or made obvious of the prior art of record.

Response to Arguments

5. Applicant's arguments with respect to claims 1-2,4,6-11 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tilahun B Gesesse whose telephone number is 703-308-5873. The examiner can normally be reached on flex.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nay Maung can be reached on 703-308-7745. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 2684

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Tilahun Gesesse
Primary Examiner
US Patent and Trademark Office
Tel. 703-308-5873
January 15, 2005


TILAHUN GESESSE
PRIMARY EXAMINER